

Edward Wilson-Ewing

List of Publications by Year in descending order

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44
papers

1,970
citations

236925

25
h-index

243625

44
g-index

44
all docs

44
docs citations

44
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Gravity of Dust Collapse: Shock Waves from Black Holes. Physical Review Letters, 2022, 128, 121301.	7.8	25
2	Fate of quantum black holes. Physical Review D, 2022, 106, .	4.7	18
3	Resolving the H_0 tension with diffusion. General Relativity and Gravitation, 2021, 53, 1.	2.0	28
4	Potential Consequences of Wormhole-Mediated Entanglement. Foundations of Physics, 2021, 51, 1.	1.3	1
5	Black hole collapse and bounce in effective loop quantum gravity. Classical and Quantum Gravity, 2021, 38, 04LT01.	4.0	37
6	The singularity in mimetic Kantowski-Sachs cosmology. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 018-018.	5.4	16
7	Strengthening the TCC bound on inflationary cosmology. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 047-047.	5.4	23
8	Effective loop quantum gravity framework for vacuum spherically symmetric spacetimes. Physical Review D, 2020, 102, .	4.7	51
9	A quantum gravity extension to the Mixmaster dynamics. Classical and Quantum Gravity, 2019, 36, 195002.	4.0	10
10	Addendum to "Relational Hamiltonian for group field theory". Physical Review D, 2019, 100, .	4.7	7
11	Relational Hamiltonian for group field theory. Physical Review D, 2019, 99, .	4.7	21
12	A generalized Kasner transition for bouncing Bianchi I models in modified gravity theories. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 039-039.	5.4	8
13	The loop quantum cosmology bounce as a Kasner transition. Classical and Quantum Gravity, 2018, 35, 065005.	4.0	32
14	Modified dispersion relations, inflation, and scale invariance. Physical Review D, 2018, 97, .	4.7	3
15	Separate universe framework in group field theory condensate cosmology. Physical Review D, 2018, 98, .	4.7	22
16	Bouncing cosmologies from quantum gravity condensates. Classical and Quantum Gravity, 2017, 34, 04LT01.	4.0	71
17	Testing loop quantum cosmology. Comptes Rendus Physique, 2017, 18, 207-225.	0.9	42
18	Effective loop quantum cosmology as a higher-derivative scalar-tensor theory. Classical and Quantum Gravity, 2017, 34, 225004.	4.0	45

#	ARTICLE	IF	CITATIONS
19	Bouncing Cosmologies with Dark Matter and Dark Energy. <i>Universe</i> , 2017, 3, 1.	2.5	61
20	Emergent Friedmann dynamics with a quantum bounce from quantum gravity condensates. <i>Classical and Quantum Gravity</i> , 2016, 33, 224001.	4.0	86
21	Anisotropic loop quantum cosmology with self-dual variables. <i>Physical Review D</i> , 2016, 93, .	4.7	12
22	Separate universes in loop quantum cosmology: Framework and applications. <i>International Journal of Modern Physics D</i> , 2016, 25, 1642002.	2.1	21
23	Converting entropy to curvature perturbations after a cosmic bounce. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 005-005.	5.4	19
24	Loop quantum cosmology with self-dual variables. <i>Physical Review D</i> , 2015, 92, .	4.7	16
25	Running of the scalar spectral index in bouncing cosmologies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 038-038.	5.4	41
26	A Λ CDM bounce scenario. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 006-006.	5.4	59
27	Non-singular bounce scenarios in loop quantum cosmology and the effective field description. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 026-026.	5.4	94
28	Loop quantum cosmology of a radiation-dominated flat FLRW universe. <i>Physical Review D</i> , 2014, 90, .	4.7	24
29	Quantization ambiguities and bounds on geometric scalars in anisotropic loop quantum cosmology. <i>Classical and Quantum Gravity</i> , 2014, 31, 035010.	4.0	56
30	Why are the effective equations of loop quantum cosmology so accurate?. <i>Physical Review D</i> , 2014, 90, .	4.7	63
31	Nonsingular bouncing cosmologies in light of BICEP2. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 033-033.	5.4	47
32	The matter bounce scenario in loop quantum cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 026-026.	5.4	126
33	Ekpyrotic loop quantum cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 015-015.	5.4	25
34	Lattice loop quantum cosmology: scalar perturbations. <i>Classical and Quantum Gravity</i> , 2012, 29, 215013.	4.0	40
35	Holonomy corrections in the effective equations for scalar mode perturbations in loop quantum cosmology. <i>Classical and Quantum Gravity</i> , 2012, 29, 085005.	4.0	55
36	Discrete symmetries in covariant loop quantum gravity. <i>Physical Review D</i> , 2012, 86, .	4.7	18

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37	Pre-big-bang cosmology and circles in the cosmic microwave background. <i>Physical Review D</i> , 2011, 84, .	4.7	11
38	Local spinfoam expansion in loop quantum cosmology. <i>Classical and Quantum Gravity</i> , 2011, 28, 025003.	4.0	29
39	Loop quantum cosmology of Bianchi type IX models. <i>Physical Review D</i> , 2010, 82, .	4.7	127
40	Hybrid quantization: From Bianchi I to the Gowdy model. <i>Physical Review D</i> , 2010, 82, .	4.7	70
41	Surface terms, asymptotics and thermodynamics of the Holst action. <i>Classical and Quantum Gravity</i> , 2010, 27, 205015.	4.0	24
42	Loop quantum cosmology of Bianchi type II models. <i>Physical Review D</i> , 2009, 80, .	4.7	117
43	Loop quantum cosmology of Bianchi type I models. <i>Physical Review D</i> , 2009, 79, .	4.7	236
44	Covariant entropy bound and loop quantum cosmology. <i>Physical Review D</i> , 2008, 78, .	4.7	33